



BUILDING DROPS

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Certificate of Authorization: 29578

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Product Evaluation Report of

Wintech-Window Technology, Inc.

**Series H221 PTAC Louver
(Impact rated) (WZ3)**

**for
Florida Product Approval**

FL# 31156

Report No. 6498

Current Edition Florida Building Code

Method: 1 – A (Certificate Method)
Category: Panel Walls
Sub – Category: Wall Louver

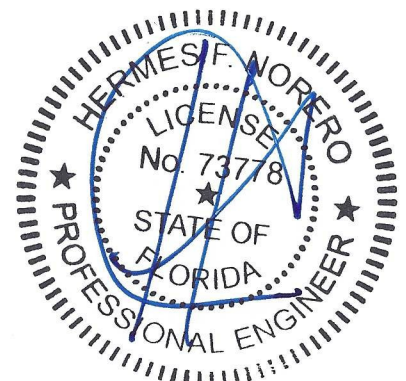
Product: Series H221 PTAC Impact Louver
Material: 6063-T6 Aluminum
Product Dimensions: 69" x 24"

Prepared For:
Wintech-Window Technology, Inc.
201 Industrial Dr
Monett, MO 65708

Prepared by:
Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 12/20/19

Contents:
Evaluation Report Pages 1 – 3

Digitally signed by Hermes F Norero
Reason: I am approving this document
Date: 2019.12.20 13:20:51 -05'00'



Hermes F. Norero, P.E.
Florida No. 73778



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Date: 12/20/19

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Manufacturer: Wintech-Window Technology, Inc.

Product Category: Panel Walls

Product Sub-Category: Wall Louver

Compliance Method: Method (1)(a)

Product Name: Series H221 PTAC Impact Louver
69" W x 24" H

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Wintech-Window Technology, Inc.** based on Method 1a of the State of Florida Product Approval, Department of Business and Professional Regulation - Florida Building Commission.

Hermes F. Norero, P.E. does not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

This product has been evaluated for use in locations adhering to the current Edition Florida Building Code.

See Installation Instructions **WNT004**, signed and sealed by Hermes F. Norero, P.E. (FL # 73778) for specific use parameters.

Limits of Use:

1. This product has been evaluated and is in compliance with the current Edition Florida Building Code, excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment into substrate material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product complies with Chapter 16 of the current edition Florida Building Code and does not require an impact resistant covering in Wind Zone 3 or less. An impact resistant covering is required for Wind Zone 4.
4. Site conditions that deviate from the details of drawing **WNT004** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **WNT004** for size and design pressure limitations.

Certification Agency: The manufacturer has demonstrated compliance of manufacture of products in accordance with the Florida Building Code for manufacturing under a certification agency through **Keystone Certifications, Inc** (FBC Organization #: CER1523).

Hermes F. Norero, P.E.
Florida No. 73778
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Performance Standards: The product described herein has been tested per:

- ASTM E1886-13a
- ASTM E1996-14a
- ASTM E283-04(12)
- ASTM E330-14
- ASTM E331-00(16)

Referenced Data:

1. Product Testing performed by **Construction Consulting Laboratory**
(FBC Organization #: TST 1685)
Report #: CCLI-19-097 Report Date: 06/29/2019
Report #: CCLI-19-102 Report Date: 07/05/2019
2. Certification Agency
Keystone Certifications, Inc
(FBC Organization #: CER1523)

Installation:

Refer to Installation Instructions (**WNT004**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**WNT004**) for allowable sizes and design pressures.

Equivalence of Test Standards:

Various test standards have been evaluated for differences in test methodology, if any, between tested editions of the test standards listed below and those editions referenced in the current Florida Building Code. The manufacturer has tested their products to the following test standard edition(s):

- 1) ASTM E283-04(12)
- 2) ASTM E331-00(16)

Chapter 35 of the current Florida Building Code references the following editions of the above mentioned test standards:

- 1) ASTM E283-04
- 2) ASTM E331-00(09)

After review of the above mentioned referenced standards and editions, it has been found that the results and tests carried out meet the requirements for compliance with the referenced standard. All referenced standards have been found to be equivalent.